



U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

**SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT**

Docket Number  
10020/29301

Application Number  
10/089,830

Filing Date  
August 12, 2002

Examiner  
SANTIAGO, Mariceli

Art Unit  
2879

Invention Title  
**ORGANIC LIGHT EMITTING DIODE  
HAVING SPHERICAL SHAPED PATTERNS**

Inventor(s)  
STURM et al.

**Address to:**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

Date: 29 March 05  
Signature: Patrick J. Birde  
Patrick J. Birde (Reg. No. 29,770)

1. In accordance with the duty of disclosure under 37 C.F.R. § 1.56 and in conformance with the procedures of 37 C.F.R. §§ 1.97 and 1.98 and M.P.E.P. § 609, attorneys for Applicants hereby bring the following references to the attention of the Examiner. The references are listed on the attached modified PTO Form No. 1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue there from.
2. The filing of this Information Disclosure Statement and the enclosed PTO Form No. 1449, shall not be construed as an admission that the information cited is prior art, or is considered to be material to patentability as defined in 37 C.F.R. § 1.56(b).
3. A copy of each patent, publication or other information listed on the modified PTO form 1449 is enclosed.
4. The Commissioner is hereby authorized to charge payment of the 37 C.F.R. §1.17(p) (submission of an information disclosure statement under §1.97(c)) fee of **\$180.00** and any additional fees that may be required to the deposit account of **Kenyon & Kenyon**, deposit account number **11-0600**.

Dated: 29 March 05

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**DOCKET NO.  
10020/29301SERIAL NO.  
10/089,830APPLICANT  
STURM et al.FILING DATE  
August 12, 2002GROUP  
2879**U. S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	CLASS	SUBCLASS	FILING DATE*
	6,311,076	October 30, 2001	Peuhu et al.			
	5,818,165	October 6, 1998	Malhi			
	4,970,812	November 20, 1990	Tanaka et al.			
	D 366,055	January 9, 1996	Matsunaga et al.			
	2003/0048256	March 13, 2003	Salmon			
	2002/0196205	December 26, 2002	Yamakado et al.			
	2003/0050019	March 13, 2003	Dowling et al.			
	2003/0144034	July 31, 2003	Hack et al.			
	2002/0118151	August 29, 2002	Chen			
	2001/0034249	October 25, 2001	Peuhu et al.			
	2003/0071780	April 17, 2003	Vincent et al.			
	2003/0020701	January 30, 2003	Nakamura et al.			
	2003/0109286	June 12, 2003	Hack et al.			
	2003/0051410	March 20, 2003	Cloutier			

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						Yes	No
	2 811 133 *	January 4, 2002	FR			X	
	9-160506 *	June 20, 1997	JP			X	

\* - An English language abstract is provided.

**NON PATENT LITERATURE DOCUMENTS**

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
	N. C. Greenham, et al., "Angular dependence of the emission from a conjugated polymer light-emitting diode: implications for efficiency calculations", <i>Adv. Mater.</i> , vol. 6, pp. 491-494, 1994
	G. Gu, et al., "High-external-quantum-efficiency organic light-emitting devices", <i>Opt. Lett.</i> , vol. 22, pp. 396-398, 1997.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.